

Neutral Pressure Test Project Planning



Project Planning

Projects / Garrett / Neutral Pressure Room: 1

Garrett (Id 1379): Neutral Pressure Room: 1 (Test #7)

Test Type: Neutral Pressure Room

Test Area:

Survey Date:

Floorplan:

Origin Points: 1

Sample Points: 1

4-Way AS

Interval Count: 4

Interval Duration: 4-way

SKC








Interval Count: 1

Interval Duration: SKC

Comments:

Project Planning

Scenarios +

	STATIC 
NAME	Static 
DESCRIPTION	
TEST DATE	
TEST START TIME	
OP COUNT	1
OP TAG	Tag-C1  

Project Planning

SP-001 SAMPLE NUMBERS	SN-001 To SN-004
SP-002	SN-005
SP-003	SN-006
SP-004	SN-007
SP-005	SN-008

Project Planning

SP-001 SAMPLE NUMBERS	SN-049 To SN-052
SP-002	SN-053
SP-003	SN-054
SP-004	SN-055
SP-005	SN-056

Project Planning

HVAC ACH	4.61 
PEC ACH	
SELECTOR KNOB ACH SETTING	1 - 8
TEST DURATION (MIN)	60
ACH PASS/FAIL	
DeltaP SP-002 vs SP-001	
DeltaP SP-003 vs SP-001	
DeltaP SP-004 vs SP-001	
DeltaP SP-005 vs SP-001	

Neutral Pressure Test Set-Up

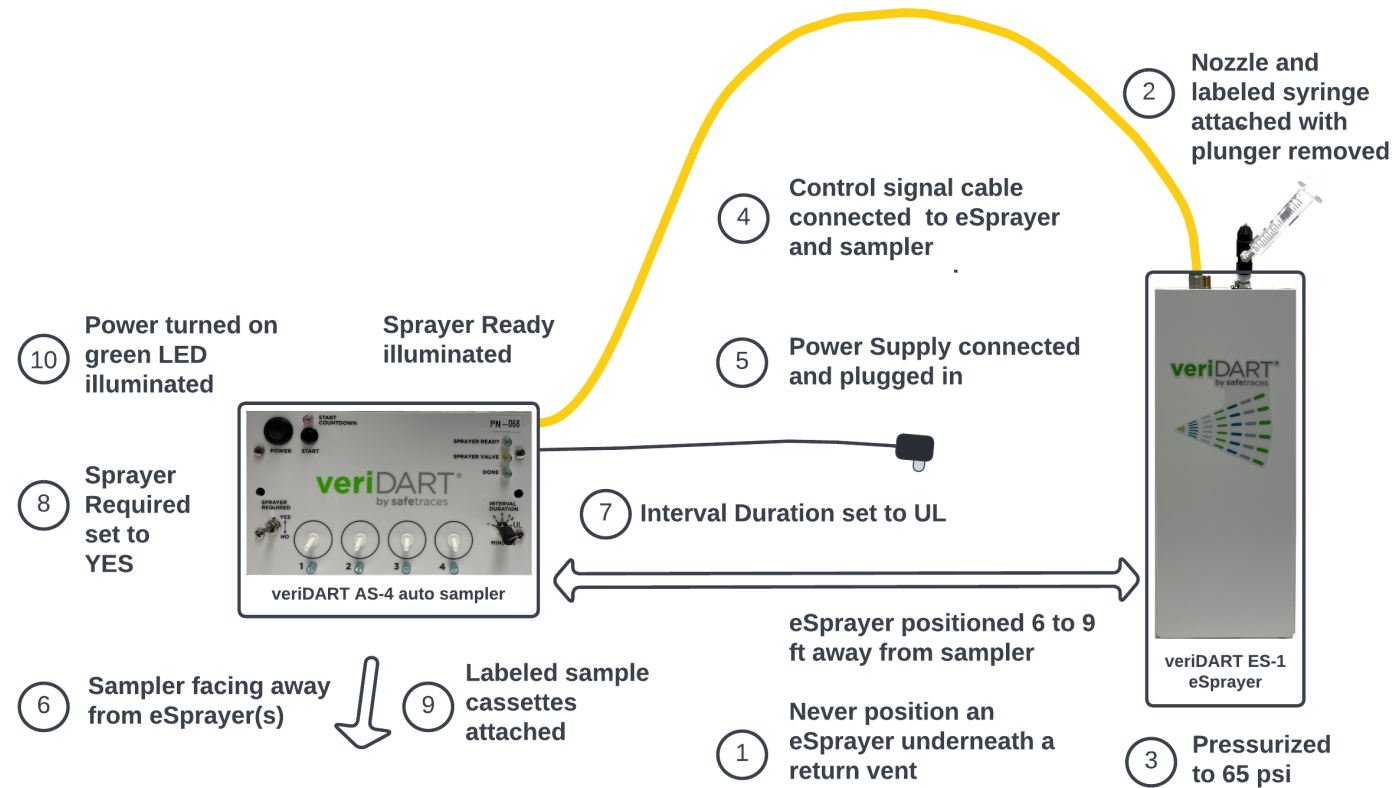
OP/SP Number	OP/SP Location
OP-01	Classroom
SP-001	Classroom Right
SP-002	Classroom Left
SP-003	Ante Room
SP-004	HD Room Biosafety Cabinet
SP-005	Non-HD Room



Equipment for Neutral Pressure Test



Optional Equipment Set-Up



Best Practices

- Get a cart to help carry the equipment
- Verify the 4-Channel air-sampler interval setting (ACH) selection is on the correct ACH
- Turn on the single Channel Air Samplers during set-up
- Verify the locations of HVAC supply and returns for equipment positioning
- Do not pre-label the sample cassettes
- Make sure the sample cassettes are snugly attached to the air sampler
- Listen for the “click” sound of the “nozzle” when attaching to the eSprayer

Best Practices

- Wear gloves when handling Tags
- Make sure the “plunger” is removed from the syringe
- Remove pelican, unused equipment, supplies, etc. before starting the test
- If you have to “redo” a test for any reason, use a different Tag
- After the test verify the “Done” green light is visible on the 4-Channel Air Sampler
- Verify the sample number label on each sample cassette are in the correct order before removing from the air sampler
- Document all changes on the “Project Configuration” form

Neutral Pressure Test Results

Description	eACH	SP-002	SP-003	SP-004	SP-005
Normal Ops					

Sample type: **filter**
HVAC ACH: **23**
PEC ACH:
ACH pass/fail: **6**
Leakage pass/fail: **1**